

**THORPE
NORTH &
WESTERN L.L.P.**

SINCE 1979

THE TEAM APPROACH TO PREMIER PERFORMANCE®

INTELLECTUAL PROPERTY LAW

PATENTS, TRADEMARKS,

COPYRIGHTS, UNFAIR,

COMPETITION, TRADE SECRETS,

LITIGATION, DISPUTE RESOLUTION,

AND RELATED MATTERS

SALT LAKE AREA OFFICE
8180 SOUTH 700 EAST, SUITE 200
SANDY, UTAH 84070-0562
801.566.6633
801.566.0750 FAX
PATLAW@TNW.COM
WWW.TNW.COM

U.S. MAILING ADDRESS
P.O. Box 1219
SANDY, UTAH 84091-1219

LAS VEGAS AREA OFFICE
OF COUNSEL: NEIL J. BELLER †
7408 WEST SAHARA
LAS VEGAS, NEVADA 89117
702.368.7767
† ADMITTED IN NEVADA

VAUGHN W. NORTH
M. WAYNE WESTERN
GARRON M. HOBSON
PETER M. DE JONGE
CLIFTON W. THOMPSON
STEVE M. PERRY
WEILI CHENG, PH.D.
DAVID R. MCKINNEY, PE.
GARY P. OAKESON
DAVID W. OSBORNE
DAVID L. STOTT
JASON R. JONES
ERIK S. ERICKSEN, M.S.
JOHN W. L. OGILVIE
ALEX HAYMOND, B.S. EE
NATHAN S. WINESETT
ATTORNEYS

TODD B. ALDER, PH.D.
JONATHAN M. BENNS, PH.D.
PATENT AGENTS

AARON M. SMITH, B.S. EE
WILLIAM T. RALSTON, PH.D. EE
TECHNICAL CONSULTANTS
CALVIN E. THORPE
(1938-1999)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir/Madam:

Transmitted herewith for filing is the patent application of Howell, et al. for
SUBSTANTIALLY CONSTANT-FORCE EXERCISE MACHINE comprising 22 pages of
specification and claims.

- ☒ This non-provisional application claims priority to U.S. Provisional application
no. 60/460,471 filed April 2, 2003.

Enclosed also are:

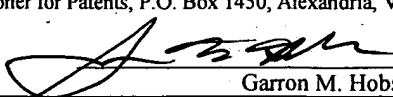
- ☒ 8 sheet(s) of drawings.
☒ Applicant claims small entity status under 37 CFR 1.9(b) & 1.27(c).
☒ An Assignment, with cover sheet, from the inventors to Brigham Young
University.
☒ Declaration and Petition.
☒ Power of Attorney.
☐ A Preliminary Amendment is enclosed.

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

EXPRESS MAIL LABEL NO.: EV469250587US

DATE OF DEPOSIT: April 1, 2004

I hereby certify that this paper or fee (along with any paper or fee referred to as being attached or enclosed) is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 with sufficient postage on the date indicated above and is addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Garron M. Hobson
17513 U.S.PTO
10/817019

040104

040104

- ☐ Nonpublication Request Under 35 USC 122(b)(2)(B)(i).
- ☒ A Certificate of Mailing by "Express Mail" certifying a filing date of April 1, 2004, by use of Express Mail Label No. EV469250587US.
- ☐ Information Disclosure Statement under 37 C.F.R. § 1.97, PTO Form-1449 with listed references attached (if indicated as being attached by the Information Disclosure Statement).

The filing fee has been calculated as shown below.

			SMALL ENTITY		OTHER THAN A SMALL ENTITY	
FOR	NO. FILED	EXTRA	RATE	FEE	RATE	FEE
BASIC FEE			\$385.00	\$385.00	\$ 770.00	
TOT. CLAIMS	42-20=	22	x \$9.00 =	\$ 198.00	x \$18.00 =	
IND. CLAIMS	4-03=	1	x \$43.00 =	\$ 43.00	x \$86.00 =	
MULTIPLE DEPENDENT CLAIMS PRESENTED		0	\$145.00		\$290.00	
ASSIGNMENT RECORDATION FEE			\$40.00	\$40.00	\$40.00	
			TOTAL	\$ 666.00	TOTAL	

- ☒ A check in the amount of \$ 666.00 is enclosed to cover the filing fee and the \$40.00 assignment recordation fee.

The Commissioner is hereby authorized to charge any additional fees associated with this communication or to credit any overpayment to Deposit Account No. 20-0100. Please address all future correspondence in connection with the above-identified patent application to the attention of the undersigned.

Dated this 1st day of April, 2004.

Respectfully submitted,



Garron M. Hobson
Attorney for Applicant
Registration No. 41,073

THORPE NORTH & WESTERN, LLP
Customer No. 20,551
P.O. Box 1219
Sandy, Utah 84091-1219
Telephone: (801) 566-6633

GMH /ef
Enclosures